GOVERNMENT OF INDIA
WATER RESOURCES
LOK SABHA

STARRED QUESTION NO:150
ANSWERED ON:29.11.2000
FLOOD CONTROL
NAWAL KISHORE RAI;Y.S. VIVEKANANDA REDDY

Will the Minister of WATER RESOURCES be pleased to state:

(a) whether during the current year, the floods have taken a heavy toll of human lives and caused damage to crops and property in various places of Andhra Pradesh, Bihar, West Bengal, Assam, Gujarat, Maharashtra and Uttar pradesh;

(b) if so, whether the Government have conducted any survey to indentify areas affected by heavy floods;

(c) if so, the details thereof; State-wise;

(d) the funds allocated and released to each State to control the flood menace during the last three years, till date;

(e) whether the Union Government propose to constitute a permanent body to deal with the situation; and

(f) if so, the details thereof?

Answer

THE MINISTER OF WATER RESOURCES (SHRI ARJUN CHARAN SETHI)

(a) to (f) A statement is laid on the Table of the House.

STATEMENTREFERRED TO IN REPLY TO PARTS (a) TO (f) OF STARRED QUESTION NO.150 TO BE ANSWERED IN THE LOK SABHA ON 29.11.2000 REGARDING FLOOD CONTROL.

Yes Sir, damages occurred due to floods during the monsoon of 2000 in the States of Andhra Pradesh, Bihar, West Bengal, Assam, Gujarat and Uttar Pradesh. Statewise details of flood damages during the monsoon of 2000 are given in Annex.I.

Rashtriya Barh Ayog assessed the area liable to floods as 40 million ha. in India. Statewise breakup of area liable to floods is at Annex.II. The records of area affected by floods in each year is maintained by the respective State. Statewise details of area affected due to floods during the monsoon of 2000 has already been given in Annex.I above.

Flood management work is a State subject. Funds are allocated to the State by the Planning Commission as blockloans and grants for the flood control sub sector under state plan fund. The approved outlays under flood control sub sector of state plan for each of the flood affected States during the year 1997-98, 98-99 and 99-2000 are given in Annex.III.Central Government also provides central assistance to the States for specific schemes. Financial assistance provided by the Ministry of Water Resources to the flood affected states of Assam, Bihar and Uttar Pradesh during the last 3 years is given in Annex.IV. In addition to this, assistance to various States is also provided from the National Fund of Calamity Relief(NFCR)and Calamity Relief Fund (CRF).The details of NFCR and CRF during the last 3 years to the States is given in Annex. V& VI.

Government of India has set up the Ganga Flood Control Commission in 1972 for preparing comprehensive master plans for flood management in Ganga basin. The master plans prepared by Ganga Flood Control Commission have been sent to the concerned Ganga basin States for their implementation. Similarly, Government of India has set up Brahmaputra Board in 1980 for preparing the master plans for the Brahmaputra, the Barak and their tributaries. The Master Plans prepared by Brahmaputra Board have been sent to all the basin States for their implementation. Government of India is not considering further to constitute any "Body" to deal with flood management.

ANNEX.I

STATEMENT SHOWING DAMAGE DUE TO FLOODS/HEAVY RAINS DURING 2000 (UPTO 08.11.2000)

(Tentative)

Sl. No.	Name of State	Area affected in	Population affected	Damage to Crops	Damage to Houses lost Nos.	Cattle lost Nos.	Human live lost to publ	Damage to Houses &	Total damages Crops,

m.ha.	million					ic util	Public utilities				
Area in m.ha.	Value in Rs.crore	In Nos.	Value in Rs. crore								
1. Andhra	0.178	0.098	0.178	15.480	35677	110.000	5368	131	776.750	902.230	
2. Arunachal	0.005	0.025	0.003	1500	10000	15	105.990	105.990			
3. Assam											
1st Wave	-	0.062	-	-	-	-	-	1			
2nd Wave	0.301	0.960	0.055	-	-	-	-	13			
3rd Wave	3	0.44	24	3.579	0.2	-	-	-	-	32	
4. Bihar	0.700	7.972	0.392	222.807	312298	167.699	1861	274	34.098	424.604	
5. Gujarat	-	0.2408	-	-	23844	2.642	406	116	-	2.642	
6. Himchal	0.016	0.611	0.012	34.87	722	4.646	593	41	66.359	105.875	
7 Punjab	0.011	-	0.011	-	55	0.21	1	7	-	0.210	
8. U.P.	0.784	6.386	0.472	-	40666	-	997	453	-	-	
9. W.B. (159 missing)	2.376	22.111	1.5	38860	188700	36100	3050	1293	840	5067.00	

ANNEX. II

AREA LIABLE TO FLOODS IN THE COUNTRY (Area in lakh ha.)

Sl. No.	State	Area liable to floods	Sl. No.	State	Area liable to floods
1.	Andhra Pradesh	13.9	12.	Manipur	0.8
2.	Assam	31.5	13.	Meghalaya	0.2
3.	Bihar	42.6	14.	Orissa	14.0
4.	Gujarat	13.9	15.	Punjab	37.0
5.	Haryana	23.5	16.	Rajasthan	32.6
6.	Himachal Pradesh	2.3	17.	Tamilnadu	4.5
7	Jammu & Kashmir	0.8	18.	Tripura	3.3
8.	Karnataka	0.2	19.	Uttar Prad	73.36

9. Kerala	8.7	20. West Bengal	26.5
10. Madhya Pradesh	2.6	21. Delhi	0.5
11. Maharashtra	2.3	22. Pondicherry	0.1

Total: 335.16

(Say 34 million ha.)

Flood prone area as per data from States for period 1953-78 — 34 Million ha.

Area protected till then (1978) — 10 Million ha.

Total: 44 Million ha.

Area flooded due to failure of protection works which might have been added in the reported flooded area (assumed) (-) 4 Million ha.

Total Flood Prone Area in the country — 40 Million ha.

ANNEX.III

STATEMENT SHOWING APPROVED PLAN OUTLAYS AND EXPENDITURE IN FLOOD CONTROL SUB-SECTOR

(Rs. in crore)

Sl. No.	State/UT`s	Approved outlay 1997-98	Expenditure during 1997-98	Approved outlay 1998-99	Expenditure during 1998-99	Approved Outlay 1999-2000
1	Andhra Pradesh	17.00	17.85	49.00	49.00	42.00
2	Arunachal Pradesh	4.48	3.76	4.61	4.16	4.25
3	Assam	19.92	16.24	20.27	20.27	27.57
4	Bihar	40.00	42.34	63.00	43.00	110.00
5	Goa	0.84	0.94	0.60	1.16	0.85
6	Gujarat	5.00	4.00	5.00	5.00	5.00
7	Haryana	12.10	20.71	23.40	20.00	20.00
8	Himachal Pradesh	3.90	3.65	5.74	5.88	8.12
9	Jammu & Kashmir	15.90	17.61	26.51	26.12	32.10
10	Karnataka	7.48	10.31	7.00	7.00	6.90
11	Kerala	25.50	22.13	24.00	24.00	24.00
12	Madhya Pradesh	1.00	0.72	1.00	1.00	1.01
13	Maharashtra	6.37	0.98	1.16	1.16	0.99
14	Manipur	6.00	6.84	5.10	5.10	7.00
15	Meghalaya	2.00	1.50	3.00	2.00	3.00
16	Mizoram	0.00	0.00	0.00	0.00	Nil
17	Nagaland	0.20	0.20	0.09	0.09	4.50 +
18	Orissa	5.00	18.31	15.00	15.00	12.63
19	Punjab	70.00	51.05	182.84	184.84	105.39
20	Rajasthan	7.82	12.34	4.93	4.53	3.55
21	Sikkim	2.34	1.09	0.50	0.02	0.02
22	Tamil Nadu	2.03	0.00	0.80	0.80	17.77

23	Tripura		4.64	4.64	3.21	3.24	5.85
24	Uttar Pradesh		18.15	14.40	20.00	45.90	23.53
25	West Bengal		70.23	62.32	145.90	82.22	165.30
26	A&N Island	(	-	0.00	0.00	0.00	
27	D&N Haveli	(	0.00	0.00	0.00	0.00	
28	Chandigarh	(	0.00	0.00	0.00	0.00	
29	Delhi	(	17.96	10.02	24.00	15.81	20.00
30	Daman & Diu	(	0.40	0.28	0.28	0.18	
31	Lakshadweep	(	3.69	2.63	0.00	3.05	
32	Pondicherry	(	3.83	3.00	3.00	4.00	

+ Also includes major, medium and minor irrigation and command areas development.

ANNEX.IV

DETAILS OF CENTRAL ASSISTANCE PROVIDED TO ASSAM, BIHAR AND UTTAR PRADESH DURING PAST 3 YEARS ON WORKS RELATED TO FLOOD MANAGEMENT.

ASSAM (Rs.in crore)

1997-98	18.00
1998-99	18.00
1999-2000	15.00

BIHAR

1997-98	3.25
1998-99	3.33
1999-2000	5.18

UTTAR PRADESH

1997-98	Nil
1998-99	0.44
1999-2000	0.46

Besides this, funds released to bordering North Eastern States and the State of Punjab for undertaking counter protective works in border area @ Rs.1.5 crore for each of the years during 1997-98, 98-99 and 99-2000.

ANNEX V

STATUS OF RELEASES FROM NATIONAL FUND FOR CALAMITY RELIEF TO STATES DURING THE LAST THREE YEARS

(Rs. in lakh)

Sl.No.	State Name	1997-98	1998-99	1999-2000
1	Andhra Pradesh	4200.00	2650.00	7536.00
2	Arunachal Pradesh	0.00	1347.00	0.00
3	Assam	0.00	5990.00	0.00
4	Bihar	1000.00	1145.00	3818.00
5	Gujarat	8690.00	5535.00	5458.00
6	Haryana	0.00	1327.00	0.00
7	Himachal Pradesh	2480.00	0.00	0.00
8	Jammu & Kashmir	0.00	0.00	7342.0

9	Karnataka	2200.00	4998.00	1709.00
10	Kerala	1291.00	0.00	0.00
11	Madhya Pradesh	6776.00	3500.00	3886.00
12	Manipur	0.00	0.00	493.00
13	Meghalaya	0.00	0.00	0.00
14	Mizoram	0.00	0.00	600.00
15	Orissa	400.00	0.00	82815.00
16	Punjab	0.00	0.00	0.00
17	Rajasthan	0.00	2198.00	10293.00
18	Sikkim	700.00	767.00	0.00
19	Tamil Nadu	0.00	0.00	0.00
20	Tripura	0.00	505.00	534.00
21	Uttar Pradesh	0.00	13115.00	1668.00
22	West Bengal	0.00	6633.00	2952.00